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17

Selenium ruby. A. Pelikan. *SAMMISH* *Revelody* 25, 63-67(1949); *Ceram. Abstracts* 1950, 23-4 (in J. Am. Ceram. Soc. 33, No. 2).—A glass of the compos. (wt. %) SiO_2 75.8, Na_2O 14.2, K_2O 2.3, CaO 6.4 was melted at 1600° and annealed at 500° with addns. in various amts. of Se, $CaSe$, and metallic Si. The addn. of suitable amts. of SiO_2 permitted the use of a glass free of Zn. The elec. melts were repeated in a gas furnace with similar results. R. D. H.

1951

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

COMMON ELEMENTS COMMON VARIANTS INDEX

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

METALLURGICAL LITERATURE CLASSIFICATION

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

PROCESSES AND PROPERTIES INDEX

glass free of zinc. The electrical melts were repeated in a gas furnace with similar results. Because of the limited supply of foreign literature, an extensive survey of the chemistry of selenium ruby glass is given.

Selenium ruby. A. PRILEN. *Skladnye Razhedy*, 25 (4-5) 63-67 (1949).—A glass of the composition (wt. %) 75.8 SiO₂, 14.8 Na₂O, 2.8 K₂O, 6.4 CaO was melted at 1400°C. and annealed at 500°C. with additions in various amounts of selenium, cadmium sulfide, and metallic silicon. The results are shown in the table. The addition of suitable amounts of silicon permitted the use of a

| Selenium | Cadmium sulfide | Silicon | Color |
|----------|-----------------|---------|--------------------------|
| 1.0 | 0.6 | | Weak yellow |
| " | " | 0.025 | Greenish yellow |
| " | " | 0.05 | Light yellow |
| " | " | 0.1 | Intense yellow to orange |
| " | " | 0.2 | Ruby, orange cast |
| " | 1.0 | | Light yellowish green |
| " | " | 0.05 | Light green |
| " | " | 0.1 | Yellow |
| " | " | 0.2 | Orange |
| " | " | 0.25 | Red orange |
| " | 0.4 | 0.1 | Weak red, orange cast |
| " | 0.4 | 0.2 | Beautiful red |
| 1.2 | 0.4 | 0.1 | Beautiful red |
| 1.2 | 0.4 | 0.2 | Beautiful red |
| 1.2 | " | " | Brown |
| 0.7 | 0.6 | " | Orange red |
| 0.9 | 0.6 | " | Red with orange cast |
| 1.1 | 0.6 | " | Red |
| 1.3 | 0.6 | " | Red |
| 1.2 | " | 0.1 | Reddish brown |

N.I.K.

ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

17

CH

Basalt—raw material for glass. A. Pelikan and I.

Doubrava. *Skřívká Revue* 25, 37-40(1949); *Ceram. Abstracts* 1950, 4 (in *J. Am. Ceram. Soc.* 33, No. 1).—Basalt melts into a glass which is believed to be usable for certain tech. purposes. A typical analysis is SiO_2 43.60, TiO_2 3.52, Al_2O_3 17.47, Fe_2O_3 4.06, FeO 4.50, MnO 0.30, CaO 12.79, MgO 8.42, Na_2O 2.70, K_2O 0.96, P_2O_5 0.96, CO_2 0.56, and H_2O 1.26%. The glass is black, and its grinding hardness is greater than that of normal glass; its scratch hardness is 8 to 9 on Mohs' scale. From 0° to 100° its expansion is 67.4×10^{-7} , and from 100° to 500°, 80.6×10^{-7} . It is in the first hydrolytic class, 8.4 mg. in the German system. It has excellent durability, much better than that of colored opaque structural glass on the Continent. The specific weight is 2.850 to 2.866. 2 photomicrographs. R. D. H.

PELIKAN, A.

Products of molten basalt, p. 245, SKLAR A KERAMIK (Ministerstvo lehkého
průmyslu) Praha, Vol. 4, No. 9, Sept. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

82823

S/115/60/000/007/003/011
B019/B058

16,9500

AUTHORS: Abramzon, E. L., Grin, G. L., Peliks, A. Ya.,
Podlazov, S. S.

TITLE: An Electronic Automatic Coordinate Measuring Instrument¹⁴
for a Heavy Boring Machine

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 7, pp. 20 - 24

TEXT: An instrument was developed at the Osoboye konstruktorskoye byuro Mosgorsovnarkhoza (Special Design Office of the Mosgorsovnarkhoz) for the electronic measurement of the motion of a boring bar relative to the boring bench in horizontal and perpendicular direction. This instrument chiefly consists of 2 circular inductive pickups and an electronic dekatron impulse counter. One pickup is mounted on the spindle head and the shaft of the pickup is rotated during the vertical motion of the spindle head. The second pickup is mounted on the horizontal guides. The modes of operation of these 2 pickups (Fig. 1) are discussed in detail. They consist of crown-like serrated bodies, which are mounted on the movable and fixed parts of the machine opposite to each other. The

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PELIKAN, J.

"Determination of pyrrhotite sulphur in the presence of pyrite."

VESTNIK, ustredni ustav geologicky, Prague, Czechoslovakia, Vol. 33, No. 4, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncl.

PELIKAN, J.

PELIKAN, J.

Remarks on orchid thrips (*Glastenaphothrips orchidii* M). p.3 (Zoologicke a Entomologicke
Listy. Praha. Vol. 3, Part no. 1, Mar. 1954)
30: Monthly List of European Accession (EMAL), IC, Vol. 4, No. 6,
June 1955, Uncl.

Card : 1/1

PELIKAN, J.; HODAN, V.

High-frequency heating in industry. p. 344.

STROJIRENSKA VYROBA. Praha, Czechoslovakia. Vol. 7, no. 8,
August 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

PELIKAN, J.

Quantitative measuring of the dust escape from pit furnaces. p.164.
(Stavivo, Vol. 35, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6; No. 9, Sept. 1957. Uncl.

S/081/62/000/018/016/059
B144/B186AUTHORS: Pelikán, Jiří, Mazáček, Jan, Vetejška, Karel

TITLE: Method of separating gallium from aluminum and zinc by using an anion exchanger

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 124, abstract 18D155 (Czechoslovak patent 97806, December 15, 1960)

TEXT: A simple method is suggested for the concentration of Ga and its simultaneous purification from Al and Zn in the processing of bauxites and Zn ores. The method is based on the different sorption of Ga, Al and Zn chlorides dissolved in HCl on high-alkaline anionites OAL and L which contain quaternary N. In 7 N HCl, Ga is strongly adsorbed on the anionite and Al passes into the filtrate. Ga is elutriated from the anionite by HCl solution (< 2 N). In the presence of Zn instead of Al, the separation is effected in 2 N HCl. With such an acidity, Zn is adsorbed by the anionite and Ga passes into the filtrate. In order to separate Ga from Al the alkaline bauxite extract is neutralized with HCl solution. The separated Ga and Al hydroxides are filtered off, washed

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B C
B D

PELIKAN J.

TECHNOLOGY

Periodical CHEMICKY PRUMYSL. Vol.6, no. 2, Feb. 1958

KARAS, W. ; PELIKAN, J. Preparation of very pure silica gel. p. 99.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.3, March, 1959, Uncl.

Country : Czechoslovakia E-2
Category : Analytical Chemistry. Analysis of Inorganic
Substances.
Abs. Jour. : R&F. Zhur.-Khimiya No. 6, 1959 19134
Author : Valcha, Z.; Pelikan, J.
Institut. : Central Institute of Geology
Title : Determination of Pyrrhotine-Sulfur in the
Presence of Pyrite-Sulfur.
Orig Pub. : Vest. Ustred. ustavu geol., 1958, 33, No 4,
244-246

Abstract : On determination of pyrrhotine S in soluble sulfides by the previously described method (Faynberg S. Yu. Analiz rud tsvetnykh metallov [Analysis of Non-Ferrous Metal Ores], Moscow, 1953) treatment of analyzed sample with dilute HCl (1:1) containing 4% SnCl₂ causes partial decomposition of pyrite that is present, and vitiates results of S-determination. For determination of pyrrhotine-S in presence of pyrite-S there is proposed an improved method in which dissolution of sample is effected with 4 N H₂SO₄ containing added N₂H₄.H₂SO₄. 0.1-0.6 g analysis substance placed in a distillation flask connected to absorber containing absorption mixture (1 g Cd(CH₃COO)₂ and 40 g Zn(CH₃COO)₂ are
Card: 1/2

PELIKAN, J.

PELIKAN, J.; REZAC, M. "Laboratory examination of the Effectiveness of Preparations Containing DDT on Cockchafer." p. 107. (Zoologicke A Entomologicke Listy. Vol. 2, no. 2, June 1953. Praha).

SO: Monthly List of ~~Russian~~ East European Accessions, Vol. 3, No. 6, Library of Congress, June 195⁴, Uncl.

PELIKAN, J.

Studies of the habitat of the field mouse (*Microtus arvalis* Pall).
p. 1. Československá akademie věd. Brněnská zvláštní. PRAHA. Brno
Vol. 27, no. 1, 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, no. 12, December 1956.

PELIKAN, J.

Pelikan, J. Notes on the bionomics of the population of certain of our small mammals. p. 1. BIOLOGIA. Bratislava. Vol. 65, no. 1, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

PELIKAN, J.

CZECHOSLOVAKIA / General and Special Zoology. Insects P

Abs Jour: Ref Zhur-Biol., No 1, 1958, 2157

Author : Pelikan J.

Inst :

Title : New Species of the Taeniothrips Genus in Czechoslovakia

Orig Pub: Zool. listy, 1956, 5, No 2, 135-138

Abstract: The female thrips *T. nigriventris* sp. n. from Southern Moravia is described. A determinative table of European species of this genus is given; it includes also the Central Asian species *T. brodskii* Yachont.

Card 1/1

PELIKAN, J.

SCIENCE

PERIODICAL PRACE. Vol. 30, no 9, 1958

PELIKAN, J. Results of the zoological expedition to Bulgaria organized by
the Czechoslovak Academy of Sciences. Pt. 1. p. 371

Monthly List of East European Accessions (EEAI) LC Vol, 2, no. 3,
March 1959, Unclass

PELIKAN, J.

SCIENCE

Periodical PRACE. Vol. 30, no. 9, 1958.

PELIKAN, J. Contribution to the knowledge of Thysanoptera in Bulgaria. I. p. 423.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959.
Unclassified

PELIKAN, Jaroslav Dr.

A new species of the genus Melanthrips, (Thysanoptera) in Bulgaria,
Izv Zool inst BAN 9:455-459 '60. (KEAI 10:9)

(Thrips) (Bulgaria--Melanthrips)

PELIKAN, Jaroslav, dr., C.Sc.

Two new species of *Oedothrips* (Thysanoptera) from Asia. *Cas entom 58 no.4:302-309 '61.*

1. Czechoslovak Academy of Sciences, Brno, Lidkcka 79.

(Thrips)

ZEJDA, Jan; HOLISOVA, Vera; PELIKAN, Jaroslav

Some rare mammals of Silesia. Prir cas slezsky 23 no.1:
25-35 '62.

PELIKAN, Jaroslav; ZEJDA, Jan; HOLISOVA, Vera

On the question of investigating small mammal populations
by the quadrat method. Acta theriolog 9 no.1/8:1-24 '64.

1. Institute of Vertebrate Zoology of the Czechoslovak
Academy of Sciences, Brno.

HOLISOVA, Vera, promovany biolog (Brno, Lidicka 79); ZEJDA, Jan, inz., C.Sc.
(Brno, Lidicka 79); PELIKAN, Jaroslav, dr., C.Sc. (Brno, Lidicka 79)

Ecology and population dynamics in the Apodemus microps Krat.
and Ros. (Mamm.: Muridae). Prace CSAV Brno 34 no.11:493-540 '62.

1. Laboratory of Vertebrate Zoology, Czechoslovak Academy of
Sciences. Brno.

PELIKAN, Jaroslav, dr. CSc. (Brno, Drobneho 28)

Five new Thysanoptera from Soviet Central Asia. Cas entom 61
no.3:224-237 '64.

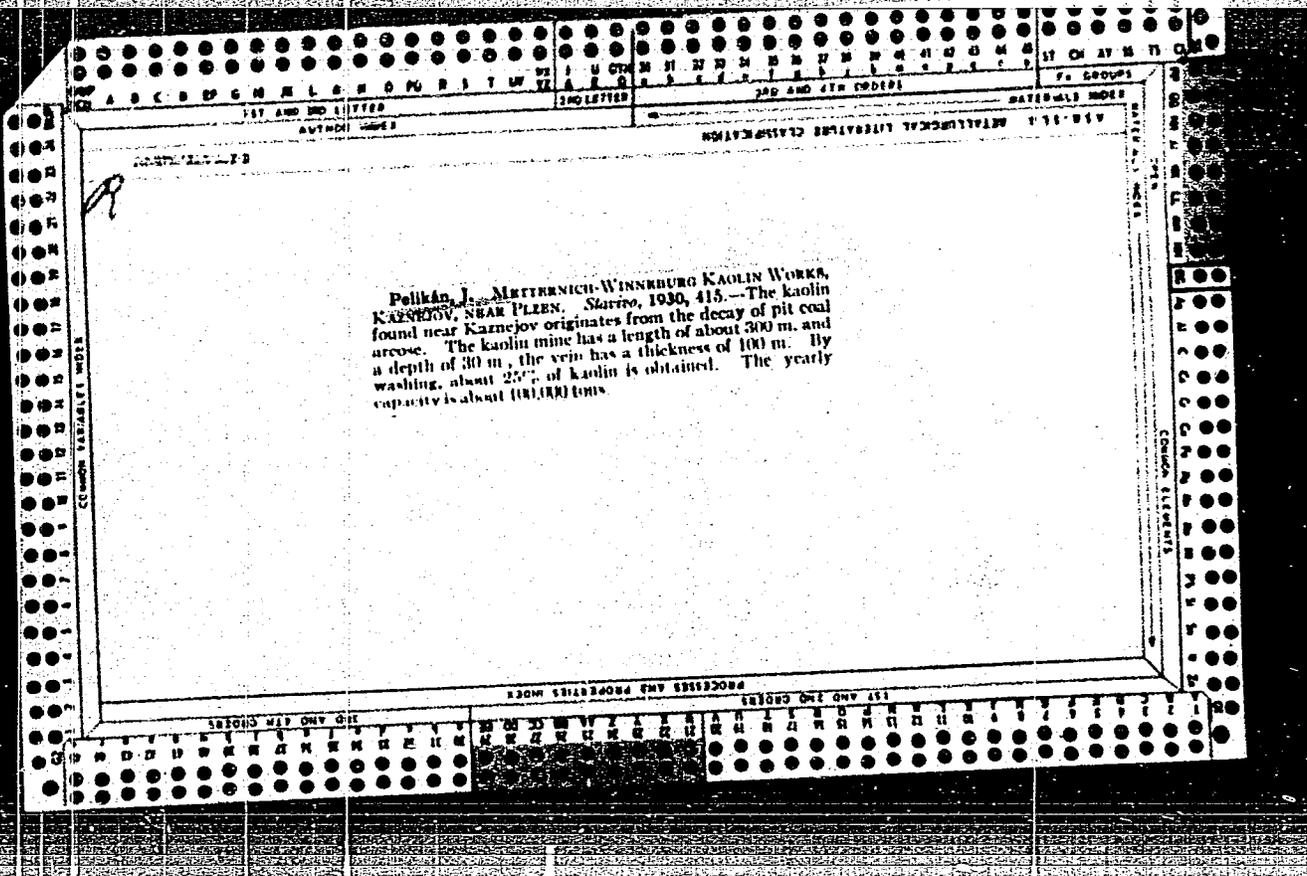
1. Czechoslovak Entomological Society, Brno.

PELIKAN, J.

"Participation of workers in determining lost working time and the elimination of production shortcomings." P. 81.

PAPIR A CEJWLOSA. (Ministerstvo lesu a drevarskeho prumyslu). Praha. Czechoslovakia, Vol. 14, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.



PELIKAN, J.

Membrane structures with free edges. In English. p. 275.

ACTA TECHNICA. (Magyar Tudományos Akademia) Budapest, Hungary, Vol. 20, no. 3/4, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959, Uncl.

FELIKAN, Jaroslav, dr., C.Sc.

New Thybanoptera from Central Asia (U.S.S.R.). Cas entom
60 no.1/2:99-113 '63.

1. Czechoslovak Academy of Sciences, Brno, Drobneho 28a.

PELIKAN, Jozsef, dr.

Structural engineering in general. Magyar ipar 13 no. 3:
167-175 '64.

Z/013/61/000/008/002/002
D005/D102

AUTHOR: Pelikán, Josef, (Prague)

TITLE: Production of high-temperature refractory oxidic ceramic mixtures

PERIODICAL: Sklář a keramik, no. 8, 1961, 221-222

TEXT: The article describes the dressing of raw materials, preparation of mixtures and production technology of crucibles for work with rare metals. According to their chemical composition, the materials are divided into the following groups: 1) Basic, with magnesium oxide. 2) Neutral, with aluminum oxide. 3) Amphoteric, with zirconium oxide. 4) Acidic, with zirconium silicate. All the above oxides have several crystalline modifications and must be fired in order to stabilize them. Through firing, the volatile admixtures, such as chemically bound water, CO₂, and organic admixtures are removed, the materials compacted and stabilized, and crystalline growth is induced. The fired materials are then ground in a steel-ball mill. Firing temperatures and times, processing of components,

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FELIKAN, J. M.

Modern Signaling in Soviet Russia. (Railway signaling. March, 1933, v. 26, p. 57-60 and 63).

DBRE

SO: SOVIET TRANSPORTATION AND COMMUNICATION, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

PELIKAN, L. CERNY, M.

Splenectomy and subsequent infection in children. Cesk. pediat.
19 no.2:135-141 F'64

1. Detska klinika lekarske fakulty PU v Olomouci; zast. prednosta
MUDr. L. Pelikan, CSc.

*

PELIKAN, L. - Vol. 4, no. 3, Mar. 1954. ZA SOCIALISTICKOU VEDU A TECHNIKU

The great contribution of I. V. Stalin to socialist technology. p. 97.
Geologic prospecting of coal deposits. p. 112.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

PELIKAN, L., MUDr.; ZLAMALOVA, S., MUDr.

Leukemic forms of reticuloendotheliosis in children.
Cesk. pediat. 11 no.4:287-290 Apr 56.

1. Z Detske kliniky PU v Olomouci (doc. MUDr. Ant. Mores).
(RETICULOENDOTHELIOSIS, in infant and child,
leukemic forms. (Cz))
(LEUKEMIA, in infant and child,
leukemic reticuloendotheliosis. (Cz))

CERVENKA, Rudolf; CHALUPA, Jiri; PELIKAN, Ladislav

Electric measuring of level height and waving of conductive liquids.
Sbor pal vod VSChT 4 no.1:287-294 '60. (EEAI 10:9)

1. Ustav hygieny v Praze a Katedra technologie vody, Vysoke skoly
chemicko-technologicke v Praze.

(Hydrology) (Electric measurements)
(Liquid level indicators)

PELIKAN, L.

PELIKAN, L.

Significance of hematocrit values in classification of anemias
in children. *Pediat. listy* 5:5, Sept.-Oct. 50. p. 284

1. Of the Children's Clinic in Olomouc.

GMML 20, 3, March 1951

PELIKAN, L. (Olomouc, Mosnerova 4.)

Megaloblastic anemia in children. Cesk. pediat. 13 no.5:407-412 5 June 58.

1. Detska klinika FÚ v Olomouci, prednosta doc. Dr. Ant. Mores.
(ANEMIA, HYPERCHROMIC, in infant & child
clin. pathol. & ther. of megaloblastic anemia in child. (Cz))

PELIKAN, L.; KOJECKY, Z.; BENISEK, L.; KODOLSEK, R.; MALINSKY, J.

Intestinal biopsy in the diagnosis of celiac disease in children. Cesk. pediat. 19 no.7:594-598 J1'64

I. Detska klinika (zast. prednosta: MUDr. L. Pelikan, CSc), II. interni klinika (prednosta: prof. dr. Z. Kojecy); Ustav patologicke anatomie (prednosta: doc. dr. V. Valach); pracoviste elektronneve mikroskopie (vedouci: MUDr. J. Malinsky, CSc), lekarske fakulty PU [Palackeho university] v Olomouci.

L 31236-66

ACC NR: AP6022769

SOURCE CODE: CZ/0039/66/027/001/0016/0019

AUTHOR: Pelikan, L. (Engineer); Kadlec, J. (Engineer)

ORG: Department of Theoretical Radio Electronics, Czech Institute of Technology, Prague (Katedra teoreticke radioelektroniky CVUT)

TITLE: Temperature dependence of transistors

SOURCE: Slaboproudý obzor, v. 27, no. 1, 1966, 16-19

TOPIC TAGS: temperature dependence, transistor, transistorized circuit, circuit theory, temperature coefficient, characteristic equation

ABSTRACT: Characteristic equations, in their complete and simplified form, are derived and an equivalent circuit is constructed for a temperature-dependent transistor. An example is presented of computing with the aid of this equivalent circuit the temperature coefficient of stabilization. Attention is called to simplifications in the use of already known formulas. Orig. art. has: 7 figures and 23 formulas. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 09, 20 / SUBM DATE: 08Jul65 / ORIG REF: 005 / OTH REF: 001

Card 1/1

BLG

UDC: 621.314.7.012

0915

0139

PELIKAN, L.

Partial specialization as a means of better soil exploitation.

P. 9, (Rolnicke Hlasy) Vol. 11, no. 7, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

PELIKAN, L.

KUNCAROVA, J. MUDr; PELIKAN, L., MUDr

Contribution to therapy of infantile eczema. Cesk. pediat. 10 no.1;
27-29 Feb 55.

I. Z detske kliniky v Olomouci (MUDr Ant. Mores)
(ECZEMA, in infant and child
ther.)

PELIKAN, Lubor, MUDr

Disseminated lupus erythematosus in a 14-year-old girl. *Pediat. listy, Praha* 9 no.3:175-176 May-June 54.

1. Z detske kliniky FU v Olomouci
(LUPUS ERYTHEMATOSUS
disseminated, in 14-year-old girl)

I. 21187-66 FWA(h)

ACC NR: AP6010938

SOURCE CODE: CZ/0014/65/000/003/0084/0086

AUTHOR: Pelikan, Ladislav (Engineer)

ORG: none

35
B

TITLE: Bridge stabilizers with Zener diodes

SOURCE: Sdelovaci technika, ¹³no. 3, 1965, 84-86

TOPIC TAGS: Zener diode, voltage stabilizer, voltage stabilization, electric resistance, electric circuit

ABSTRACT: It is possible with a Zener diode to make a voltage stabilizer in a bridge connection with a theoretically infinite stabilization factor; in practice, it is close to 10^5 . The stabilizing action is very good; the output resistance is equal to the ordinary dynamic resistance of the Zener diode. A bridge with one ZD is suitable as a stabilized feed circuit; a bridge with two ZD's is suitable for use as a voltage standard. Orig. art. has 10 figures and 17 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 004

Cord 1/1 PB

ZAVIČKA, MOJMIK; PEDIKAL, Inbor

Hemolyticko-uremický syndrom. Cesk. pediat. 14 no.6:504-507 5 June 59.

1. Detska klinika Palackeho university v Olomouci, prednosta doc. dr. Antonin Mores M.Z., Olomouc, detska klinika.

(HEMOLYSIS

hemolytic-uremic synd. in child. (Cz))

(UREMIA, in inf. & child
same)

L 01514-66 FCC

EE

ACCESSION NR: AP5024317

CZ/0023/64/008/003/0209/0238

AUTHOR: Felikan, Milos

44, 55

37
B

TITLE: Calculation of the angle of refraction by the refractive index

SOURCE: Studia geophysica et geodastica, no. 3, 1964, 209-238

TOPIC TAGS: atmospheric refraction, refractive index, atmospheric optics, atmospheric optic phenomenon
12, 44, 55

ABSTRACT: On the basis of recent investigations of the composition of the atmosphere, the author derives a formula which gives results closer to the actually observed values and has a simpler solution than the Jordan-Eggert formula and is simpler in its practical form than the Levallois formula. Orig. art. has: 4 figures, 3 graphs, 22 formulas, 13 tables.

ASSOCIATION: Lehrstuhl für spezielle Geodäsie an der Fakultät für Bauwesen der Tschechischen technischen Hochschule, Prague (Department of Special Geodesy of the Civil Engineering Faculty, Czech Polytechnic Institute)

SUBMITTED: 17Dec63

44, 55

ENCL: 00

SUB COM: EE, OF

NR REF SOV: 000

OTHER: 006

JPRS

Card 1/1 DP

PELIKAN, Milos

Calculation of refraction angle by the refraction index.
Studia geophys 8 no. 3:209-238 '64.

1. Chair of Special Geodesy, Faculty of Building, Czech
Higher School of Technology, Prague 1- Stara Mesto, Husova 5.

PELIKAN, Milos, inz. CSc.

Measurement of temperature by thermistor thermometers.
Geod kart obzor 10 no. 6:147-149 Je '64.

1. Chair of Special Geodesy, Faculty of Building, Czech
Higher School of Technology, Prague.

PELIKAN, Molos; MANDL, Miroslav; KASE, Miloslav

Determining the calcium in alloys of CaSi and CaSiAl type by direct chlorination. Hut listy 17 no.3:210-211 Mr '62.

1. Vyzkumny ustav hutnictvi zeleza, Praha.

PELIKAN, Milos, inz., C.Sc.

Determining the physical reduction of an electronically measured length.
Geod kart sbor 8:28-37 '62

1. Katedra geodesie stavebni fakulty, Ceske vysoke uceni technicke,
Praha.

PELIKAN, Pavel

Development of a model of the self-preservation instinct. Straj
na zprac inf 10:313-320 '64.

1. State Research Institute of Planning, Prague.

PELIKAN, Pavel

Machine playing the game NIM. Stroje na zprac inf 3:163-169
'62.

1. Research Institute of Mathematical Machines, Prague.

PELIKAN, Stanislav, inz.; KRENEK, Vladimír, inz.

Some problems of the development of automobile renting as a form of individual transportation. Doprava no.4:246-251 '64.

CZECHOSLOVAKIA

P. HADVOŠNÍK and V. PELIKAN, Neurosurgical and Psychiatric Clinic of Medical Faculty of Charles University (Neurochirurgická a psychiatrická klinika lékařské fakulty KU [Karlova University],) Hradec Králové.

"Importance of Study of Psychic Changes in Stereotactic Surgery for General Psychopathology."

Prague, Activitas Nervosa Superior, Vol 5, No 1, Jan 63; p 52.

Abstract: Data from 50 patients operated during 3 years. Those who had a stereotactic operation on thalamic nuclei suffered various types of deficiencies in their intellectual functioning; these deficiencies are described briefly and discussed.

1 (Peltan)
A

CZECHOSLOVAKIA

KALAB, M; PELIKAN, V.

Gastroenterological Laboratory of the Medical Faculty
of Palacky University, Olomouc (for both)

Prague, Collection of Czechoslovak Chemical Communications,
pp 2265-2267

"On the Activity of Arginase IV. Electrophoretic
Separation of Arginase of Human Erythrocytes."

KALAB, M.; PELIKAN, V.

On the activity of arginase. Pt.4. Coll Cz Chem 28 no.8:2265-2267 Ag '63.

1. Gastroenterologisches Lsboratorium, Medizinische Fakultat, Palacky-Universitat, Olomouc.

CZECHOSLOVAKIA

PELIKAN, V., Prof, MD, Candidate of Sciences, KALAB, M., and JIRKA, Z., Institute for the Physical Culture Medicine (Ustav telovychovneho lekarstvi), Faculty of Medicine (Lekarska fakulta), Palacky university, Olomouc, Prof. V. PELIKAN, MD, Candidate of Sciences, director.

"Tryptophane Metabolism in Sports"

Prague, Casopis Lekarů Ceskych, Vol CII, No 35, 30 August 63, pp 967-969.

Abstract [Authors' English summary]: The paper deals with the elimination of xanthurenic acid in three groups of persons after an intake of 5 grams of dl-tryptophane. The possibility was studied of affecting the tryptophane metabolism by high doses of vitamin B₆. Experiments confirmed that sports activities increase the elimination of tryptophane metabolites. The results prove that it is necessary to secure a sufficient intake of pyridoxine as a supplement of food containing large quantities of tryptophane. Twenty-eight references, including 2 Czech and 1 Russian.

1/1

7

CZECHOSLOVAKIA

PELIKAN, V., Prof. MD., Csc.

Gastroenterological Laboratory of the Medical Faculty UP
(Gastroenterologicka laborator lekarske fakulty UP),
Olomouc

Prague, Vnitřní lékařství, No 11, 1963, pp 1096-1100

"On Anginase Activity. III. A Study of Arginase Activity
in the Plasma and Erythrocytes of Blood Donors."

NADVORNIK, P.; MELKA, J.; VESELY, C.; PELIKAN, V.; DROZEN, V.

Remarks on the choice of variables in the nerve cell model.
Kybernetika 1 no.1:50-55 '65.

1. Faculty of Medicine of the Charles University, Hradec
Kralovø. Submitted June 22, 1964.

L 3053-66 REC(k)-2

ACCESSION NR: AP5026342

CZ/0088/65/000/001/0050/0055

AUTHOR: Nadvornik, P.; Melka, J.; Vesely, G.; Pelikan, V.; Drozen, V.

32
31
B

TITLE: Remarks on the choice of variables in the model of the nerve cell

SOURCE: Kybernetika, no. 1, 1965, 50-55

TOPIC TAGS: neuron, bionics, neurology

Abstract [authors' Czech and English summaries, modified]: A brief review is presented of the present knowledge about the structure, chemical composition and functions of the neuron. Most models of the neuron take into account excitatory and inhibitory synapses and therefore model positive and negative pulses. However, the pulses in the living nerve cell and in the nerve passages are always of the same type and character. Therefore the authors decided to model the biological neuron according to the 1903 theory of N.Ye. Vvedenskiy (Archiv fur die gesamte Physiologie, Vol 100, 1903, pp 1-144), with minor modifications to update it. This theory essentially distinguishes three basic variables in the system of the nerve cell: the frequency-modulated information transmission, the elementary memory, and the monistic approach to excitation and inhibition which regards inhibition as a special state of the excitation of the nerve cell.

Card 1/2

I. 3053-66

ACCESSION NR: AP5026342

ASSOCIATION: Lekarska fakulta Karlovy university, Hradec Kralove (Medical Faculty
of Charles University)

SUBMITTED: 22Jun64

NO REF SOV: 002

ENCL: 00

OTHER: 012

SUB CODE: LS

JPRS

beh
Card 2/2

CZECHOSLOVAKIA

PELIKAN, V., MD, director of the Psychiatric Clinic (Psychiatricka
Klinika), Hradec Kralove.

"Contemporary Significance of Heveroch's Theory of Aphasia."

Prague, Casopis Lekarů Ceskych, Vol CII, No 41, Prague, 11 October
63, pp 1131-1133.

Abstract [Author's English summary]: Discussed are the basic principles of Heveroch's concept of aphasia as published in the period from 1913 to 1928. Heveroch defined the elementary functions necessary for speech reactions: the arthritic, mestic, and mestic. His diagram of the organization of phatic functions based on these definitions is a formally correct block diagram which renders it possible to analyze phatic disorders in greater detail than diagrams of other authors. Nineteen references, including 10 Czech.

1/1

12

PELIKAN, V.

Quantification of the loss information at verbal signal distortion. Activ. nerv. sup. 6 no.1:78 '64

AASUREN Lchan, inz.; PELIKAN Vlamir, inz., kandidat geologicko-mineralogických ved

Hydrogeological conditions of the Mongolian People's Republic.
Geol. pruzkum 5 no.5:140-141 My '63.

1. Mongolsprojekt, Ulan Batar, Mongolska lidova republika (for AAsuren)
2. Geologicky pruzkum, n.p., Brno (for Pelikan)

HORCIKA, Vladko; FELIKAN, Vladimír, Prof. MUDr.

Measurement of the gastric evacuation time in ulcers by test meal. Vnitřní lek. 11 no.4:349-355 Ap'65.

1. Gastroenterologická laborator fakulty University Palackého v Olomouci (předseda: prof. MUDr. Vladimír Felikan).

~~PELYKAN~~ Wladimir, inz., kandidat geologicko-mineralogickych ved

Prototypes of hydrologic instruments at the Congress of the Geological Society of the German Democratic Republic. Geol pruzkum 5 no.4:121-123 Ap '63.

1. Geologicky pruzkum, n.p., Brno.

~~PELIKAN~~, Vladimir, inz., kandidat geologicko-mineralogickych ved;
~~REZNIK~~, Vladimir, promovany geolog

Influence of atmospheric precipitations on the results of
pumping tests. Geol pruzkum 5 no.4:115-116 Ap '63.

1. Geologicky pruzkum, n.p., Brno.

KALAB, M.; MELIKAN, V.

Determining the urea along with arginine and ornithine by the reaction with p-dimethylaminobenzaldehyde. Coll Cz Chem 27 no.7:1639-1644 JI '62.

1. Gastroenterologisches Laboratorium, Palacky Universitat, Olomouc.



NADVORNIK, P.; PETR, R.; PELIKAN, V.

Higher nervous activity changes in stereotaxic thalamotomy. *Activ. nerv. sup.* 4 no.2:160 '62.

1. Neurochirurgická a psychiatrická klinika lékařské fakulty Karlovy university v Hradci Kral.

(NEUROSURGERY) (CENTRAL NERVOUS SYSTEM physiol)
(THALAMUS surg)

PELIKAN, V.; STRANSKA, T.

Contribution to the method for the pathophysiological interpretation
in clinical and experimental studies. *Activ. nerv. sup.* 4 no.2:156-157
'62.

1. Psychiatricka klinika lekárske fakulty Karlovy university v Hradci
Kralove.

(PHYSIOLOGY)

PELIKAN, V.

[Hypotensive effect of tetraethylammonium] Hypotensivní účín tetraethylamonia. Cas.lek.cesk. 89 no.13:385-388 31 Mr '50. (CJML 19:1)

1. Of the Internal Clinic of Palackeho University in Olomouc (Head --- Prof. J.Blatny, M.D.)

PELIKAN, V.

Therapy of peptic ulcer with so-called conditioned sleep. Sborn.
pathofysiol. trav. vyz. 6 no. 4-6:274-283 Dec 1952. (CIML 24:1)

1. (Of the Research Institute of Human Nutrition (Director--Docent
J. Malek, M.D.), Prague.

PELIKAN V. and PLACER Z.

Ust. pro vyzkum výživy lidu, Praha. *Kvalita vyšetření žaludeční šťavy v různých fázích sekrece. Sdělení I. Investigations of the gastric juice in different phases of secretion. I. SBORN. PATHOFYSIOL. TRAV. VYZ. (Praha) 1953, 7/5-6 (330-340) Graphs 5

Some relationships between total protein, dissolved mucin and pepsin were followed. Cuprametric titration according to Beck (Mikrochem. 1952, 39, 147) was used for studying the protein composition of the juice.

Heyrovský-Prague

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

PĚLÍK A M. V.

Investigations of the gastric juice in different phases of secretion. I. V. Pelikán and Z. Placer. *Sborník Patofyziol. Tráv. Vys. (Prágu)* 7, 330-40(1963); *Excerpta Med.*, Sect. 11, 7, 1070-1(1964).—Some relationships between total protein, dissolved mucin, and pepsin were followed. Cuprimetric titration according to Beck (*C.A.* 46, 6549d) was used for studying the protein compn. of the juice.

R. D. H.

EXCERPTA MEDICA Sec 15 Vol 13/2 Chest Dis. Feb 50

441. ANTIBIOTICS AND ACTH IN THE THERAPY OF TUBERCULOUS PERITONITIS - Antibiotika a ACTH v léčbě tuberkulózní peritonitidy - Pelikán V. and Teska O. Nemocn. Čs. Červeného Kříže, Conžinu - CAS. LÉK. ČES. 1980, 97/35 (1102-1106) Tables 7

Twenty-five patients, 24 from 15 to 40 yr., one older, were subdivided into 3 groups according to the plan of treatment. The 1st group received general treatment by 2 antibiotics. In the 2nd group this treatment was supplemented by 2 local infusions of i. p. *para*aminosalicylic acid, after letting the ascitic fluid escape. In the 3rd group the treatment by antituberculous drugs was supplemented by i. v. ACTH infusions. The results in all 3 groups were favourable; it is not possible to give special credit to any of the therapeutic methods used. In the patients who received infusions of ACTH it was not possible to prove the favourable effect of hormonal treatment on the formation or absorption of the developing adhesive changes. (VI, 15)

PELIKAN, V.; KVASNICKOVA, D.

Late remissions of chronic malaria in the course of other diseases.
Gas. lek. cesk. 97 no.35:1095-1098 29 Aug 58.

1. Nemocnice Cs. cervensho krize v Gondzinu.
(MALARIA, epidemiol.
in No. Koreans, late remissions in course of other dis. (Cz))

PELIKAN, V.; TRAPI, S.

Amebiasis of the liver & its treatment. Cas. lek. cesk. 97 no.35:1099-1102 29 Aug 58.

1. Nemocnice Cs cerveneho krize v Condizinu.
(AMEBIASIS, HEPATIC, epidemiol.
in No. Korea (Cz))

PELIKAN, V.; TESKA, O.

Antibiotics & ACTH in the treatment of tuberculous peritonitis. Cas.
lek. cesk. 97 no.35:1102-1106 29 Aug 58.

1. Nemocnice Cs. cerveneho krize v Gondzimu.
(TUBERCULOSIS, GASTROINTESTINAL, compl.
peritonitis, ther., antibiotics & ACTH (Cz))
(PERITONITIS, etiol. & pathogen.
tuberc., ther., antibiotics & ACTH (Cz))
(ANTIBIOTICS, ther. use
peritonitis, tuberc., with ACTH (Cz))
(ACTH, ther. use
peritonitis, tuberc., with antibiotics (Cz))

STRANSKA, T.; PELIKAN, V.

Rehabilitation in aphasia. Cesk. psychiat. 57 no.6:383-388 '61.

1. Psychiatricka klinika lekárske fakulty KU v Hradci Kralove.
(APHASIA rehabil.)

PELIKAN, V.

PELIKAN, V.; NADVORNIK, P.

Attempt of quantitative evaluation of phasic disorders. Cesk. psychiat.
53 no. 5:343-347 Oct 57.

1. Psychiatricka a neurochirurgicka klinika VIA v Hradci Kralove.
(APHASIA, diag.
quantitative evaluation (Cz))

PELIKAN, V.

The improvement movement enables us to economize on the costs of production, p. 12.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren)
Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2,
Feb. 1960

Uncl.

PELIKAN, V.; PLACER, Z.

Examination of gastric secretion without catheterization. Cas. lek.
cesk. 92 no.46:1252-1255 13 Nov 1953. (CJML 25:4)

1. Of the Institute of Research on Nutrition (Head--Docent J. Masek,
M.D.), Prague. 2. Use of PAS.

PELIKAN, V.

[Hypotensive effect of tetraethylammonium] Hypotenzivni ucinn tetraethylamonia. Cas.lek.cesk. 89 no.13:385-388 31 Nr '50. (GML 19:1)

1. Of the Internal Clinic of Palackeho University in Olomouc (Head -- Prof. J.Blatny, M.D.)

PELIKAN, V., MUC.; (Za spoluprace asistenta kliniky Dr. F. Stryhala)

Childhood accidents and acute abdomens from 1952 to 1954. Acta
chir. orthop. traum. cech. 24 no.3:253-258 May 57.

1. I. Klinika pro orthopedickou a detskou chirurgii KU, prednosta
prof. Dr. J. Zahradnicek.

(ABDOMEN, ACUTE, statist.
in Czech. (Cz))

(ACCIDENTS, statist.
child accid. in Czech. (Cz))

PELIKAN, Vilem

Distorted awareness of word meaning in aphasia. A contribution
to the physiology of consciousness. Cesk.psychiat.57 no.1:7-10
F '61.

1. Psychiatricka klinika v Hradci Kralove.
(CONSCIOUSNESS physiol)
(APHASIA)
(BRAIN NEOPLASMS physiol)

PELIKAN, V., PLACER, Z.

"Examination of Gastric Secretion Without Probing." p. 1252. (CASOPIS LEKARU GESKYCH,
Vol. 92, No. 46, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

NEMECKOVA, A.; JANAK, J.; PELIKAN, V.; SANTAVY, F.

Analysis of intestinal gases with gas chromatography. Cesk. fysiол.
10 no.5:461-463 '61.

1. Chemicky ustav lek. fak. PU, Olomouc, Laborator pro analysu
plynu GBAV, Brno a Gastroenterologicka laborator lek. fak. PU,
Olomouc.

(INTESTINES)

(GASES)

(CHROMATOGRAPHY)

PELIKAN, V.; MAREK, J.

**Significance of flocculation liver test in functional jaundice. Lek.
listy, Brno 6 no.16:527-534 15 Aug 51. (CML 21:4)**

**1. Of the First Internal Clinic (Head--Prof. Josef Blatny, M.D.) of
Palacky University.**

PELIEAN, V.; MAREK, J.

Use of simple and combined galactose and glucose test in
clinical practice. Cas. lek. cesk. 90 no.28:865-869 (CIML 21:1)
13 July 1951.

1. Of the Internal Clinic of Palacky University in Olomouc
(Head — Prof. J. Blatny, M.D.).

PELIKAN V.

Dietetic therapy of infectious hepatitis; critical evaluation.
Gastroenterologia bohema 4:1 May 50. p. 35-9

1. Of the Internal Clinic of Palackeho University in Olomouc (Head--
Prof. J. Blatny, M. D.)..

CLML 19, 5, Nov., 1950

FELIKAN, V.

FELIKAN, V.

Hypotenzivni ucin tetraethylamonia. Hypotensive effect of
tetraethylammonium/ Cas. lek. cesk. 89:13 31 Mar 50 p. 385-8.

1. Of the Internal Clinic of Palackeho University in Olomouc
(Head — Prof. J. Blatny, M.D.).

L 19143-66

ACC NR: AP5005684

SOURCE CODE: CZ/0079/65/007/002/0193/0193

AUTHOR: Pelikan, V.; Nadvornik, P.

15

ORG: Psychiatric and Neurosurgical Clinic, Medical Faculty, Charles University,
Hradec Kralove

B

TITLE: Theory of graphs and pathophysiological interpretation of mental disorders
[This paper was presented at the Third Interdisciplinary Conference on Experimental
and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to
23 October 1964]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 193

TOPIC TAGS: pathology, physiology, psychneurotic disorder

ABSTRACT: The authors attempted to analyze clinical observations and prepare a
graphical interpretation of the findings that would allow a generalization of
such pathophysiological mechanisms as verbal structures, behavior, and thinking.
Orig. art. has: 1 figure. [JPRS]

SUB CODE: C6, C5 / SUBM DATE: none

Card 1/1 HW

PELIKAN, Vilem, doc. MUDr. CSc.

Frerequisites for modelling the semantic systems of the brain.
Sborn. ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.5:
525-528 '65.

A contribution to the typology of paraphasias 2. Reaction time.
Ibid.:529-535.

PELIKAN, Vilem (Lt. Col. MD)(Hradec Kralove Military Medical Academy)

Author of article, "Diagnosis and Treatment of Neuropsychosis
in Dispensaries," dealing with the diagnosis of neuropsychosis
by unit physicians and early treatment conducted at unit
dispensaries.
(VZL, Feb 55)

SO: Sum 600, 1 Aug. 1955,

KOJECKY, Zdenek; DOBERSKY, Premysl; MASEK, Josef; PELIKAN, Vladimir

Nitrogen metabolism in various stages of peptic ulcer. Sborn.
pathofysiol. trav. vyz. 8 no.4:200-208 Dec 54.

1. Ustav pro vyzkum vyziwy lidu, Praha (red. doc. Dr. J.Masek)
(PEPTIC ULCER, urine in,
nitrogen)
(NITROGEN, in urine,
in peptic ulcer)
(URINE,
nitrogen, in peptic ulcer)

1/ Proteolytic activity of gastric juice. - V. Pelikan and Z. Placer (Palackého Univ., Olomouc, Czech.). *Časopis lékařů českých* 94, 742-6(1955) - The proteolytic activity (I) of gastric juice at various pH values was studied by the biuret method of Placer (C.A. 49, 16949h). Pepsin, cathepsin, and rennin activities are attributed to one enzyme. pH-I curves and free acidities were compared in juices obtained during the refractory and neurohumoral phase of gastric secretion. Normal type was characterized by higher I (at low pH) and by lower free acidity in the refractory phase. Various deviations from this pattern are described. Comparatively low I was seen after gastric resection. Max. of I at pH 3.5 instead of at 1.5 was observed in some samples of juice.
I. M. Hais

+ Z. lékařské fakulty

PELIKAN, Vilem, doc. MUDr. CSc.

Vector illustration of aphasic disorders. Sborn. ved. prac.
lek. fak. Karlov. Univ. 9 no.1:283-287 '64.

1. Karlova Universita v Hradci Kralove.

PELIKAN, Vladimir

Hydrogeology of the gypsum deposit in Koberice near Opava.
Sbor geol ved 1:75-93 '64.

1. Geologicky pruzkum National Enterprise, Brno.

HERCOG, Frantisek; KLIR, Stanislav; PELIKAN, Vladimir

The Temporary Commission of the Council for Mutual Economic Assistance conferred on the estimation of underground water reserves. Geol pruzkum 5 no.7:220 J1 '63.

PALIKAN, V. PLACER, Z.

Qualitative value of examination of the gastric juice in various
phases of secretion. Sborn. pathofysiol. trav. vyz. 7 no.5-6:
330-340. Nov 1953. (CINL 25:5)

1. Of the Institute of Research on Nutrition (Head --Docent
J. Masek, M.D.), Prague.

PELIKAN, Vilem; GUTTNER, Milan

Clinical studies on correlation the signaling systems. Cesk. psychiat.
55 no.2:74-77 Apr 59.

1. Psychiatricka klinika lekarske fakulty v Hradci Kralove.
(CEREBRAL CORTEX, physiol.
signaling system relationship disord. causing aphasia (Cz))
(APHASIA, etiol. & pathogen.
signaling system relationship disord. (Cz))